

IN THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) An automated service handoff system, comprising:

[[a]] an extensible markup language-based service registry including a list of available services;

a mobile device associated with a current location, wherein the mobile device includes a list of preferred services and a memory having a plurality of location signatures, wherein the mobile device is to send ~~capable of sending~~ a query including a service location associated with the current location and at least one selected member of the list of preferred services to the service registry when a quality of service associated with a bound member of the list of preferred services and determined by the mobile device has degraded, and wherein the mobile device is to receive ~~capable of receiving~~ a response to the query from the service registry including at least one selected alternative member of the list of available services; and

a location determination module to determine ~~capable of determining~~ the current location of the mobile device and to be ~~capable of being~~ communicatively coupled with the mobile device.

2. (Canceled)

3. (Original) The automated service handoff system of claim 1, wherein the list of available services includes a service provider, a service type, and a service location for the at least one selected member of the list of available services.

4. (Canceled)

5. (Original) The automated service handoff system of claim 1, wherein the location determination entity is included in the mobile device.

6. (Original) The automated service handoff system of claim 5, wherein the location determination entity includes a global positioning system receiver.

7. (Canceled)

8. (Currently Amended) The automated service handoff system of claim 1, further comprising:

a computer to be ~~capable of being~~ communicatively coupled with the mobile device and to transmit ~~transmitting~~ the list of preferred services to the mobile device.

9. (Currently Amended) The automated service handoff system of claim 1, further comprising:

at least one computer to publish ~~capable of publishing~~ the at least one selected member of the list of available services to the service registry.

10. (Currently Amended) A mobile device, comprising:

a processor module;

a local memory communicatively coupled to the processor module to store ~~and capable of storing~~ a list of preferred services and a memory having a plurality of location signatures, a current location of the mobile device, and a previous location of the mobile device; and

a communications medium interface communicatively coupled to the processor module and to couple to ~~capable of being communicatively coupled to a~~ an extensible markup language-based service registry to send ~~for sending~~ a query including a service location associated with the current location of the mobile device and at least one selected member of the list of preferred services to the service registry when a quality of service associated with a bound member of the list of preferred services and determined by the mobile device has degraded, and to receive a

response to the query from the service registry including at least one selected alternative member of the list of available services.

11. (Currently Amended) The mobile device of claim 10, further comprising:
a location determination module to determine ~~capable of determining~~ the current location of the mobile device.

12. (Currently Amended) The mobile device of claim 10, further comprising:
a timer coupled to the processor module to determine ~~for determining~~ a service query update interval.

13. (Previously Presented) The mobile device of claim 10, further comprising:
a comparator coupled to the processor module to determine whether a selected number of services are available for binding to the mobile device.

14. (Currently Amended) A method of automating service handoff operations, comprising:
determining a current location of a mobile device having a memory including a plurality of location signatures;

sending a first query including a service location associated with the current location and at least one selected member of a list of preferred services associated with the mobile device to [[a]] an extensible markup language-based service registry when a quality of service associated with a bound member of the list of preferred services and determined by the mobile device has degraded;

receiving a response to the query from the service registry including at least one selected , alternative member of a list of available services maintained by the service registry; and

binding the at least one selected alternative member of the list of available services maintained by the service registry to the mobile device.

15. (Original) The method of claim 14, further including:

determining that the mobile device has moved to a new current location; and
sending a second query including a service location associated with the new current location and the at least one selected member of the list of preferred services associated with the mobile device to the service registry.

16. (Original) The method of claim 15, wherein determining that the mobile device has moved to a new current location further includes:

storing the current location as a previous location;
determining the new current location of the mobile device; and
determining that the new current location is not the same as the previous location.

17. (Original) The method of claim 15, further including:
determining that a polling interval time period has ended.

18. (Canceled)

19. (Currently Amended) The method of claim 14 ~~[[18]]~~, further including:
determining that the mobile device has moved to a new current location; and
recalling a selected one of the plurality of location signatures associated with the new current location.

20. (Original) The method of claim 15, further including:
informing a user of the mobile device that the at least one selected member of the list of preferred services associated with the mobile device is not available for use by the mobile device.

21. (Original) The method of claim 20, further including:
binding an alternative available service to the mobile device.

22. (Canceled)

23. (Currently Amended) The method of claim 22, further including:

retrieving the quality of service associated with the ~~at least one selected~~ bound member of ~~the list of available services~~.

24. (Currently Amended) The method of claim 23, wherein retrieving the quality of service associated with the ~~at least one selected~~ bound member of ~~the list of available services~~ includes:

retrieving the quality of service associated with the ~~at least one selected~~ bound member of ~~the list of available services~~ from the service registry.

25. (Currently Amended) The method of claim 23, wherein retrieving the quality of service associated with the ~~at least one selected~~ bound member of ~~the list of available services~~ includes:

retrieving the quality of service associated with the ~~at least one selected~~ bound member of ~~the list of available services~~ from a service provider associated with the ~~at least one selected~~ bound member of ~~the list of available services~~.